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# FOREST CONTROL

by

# CONTINUOUS INVENTORY

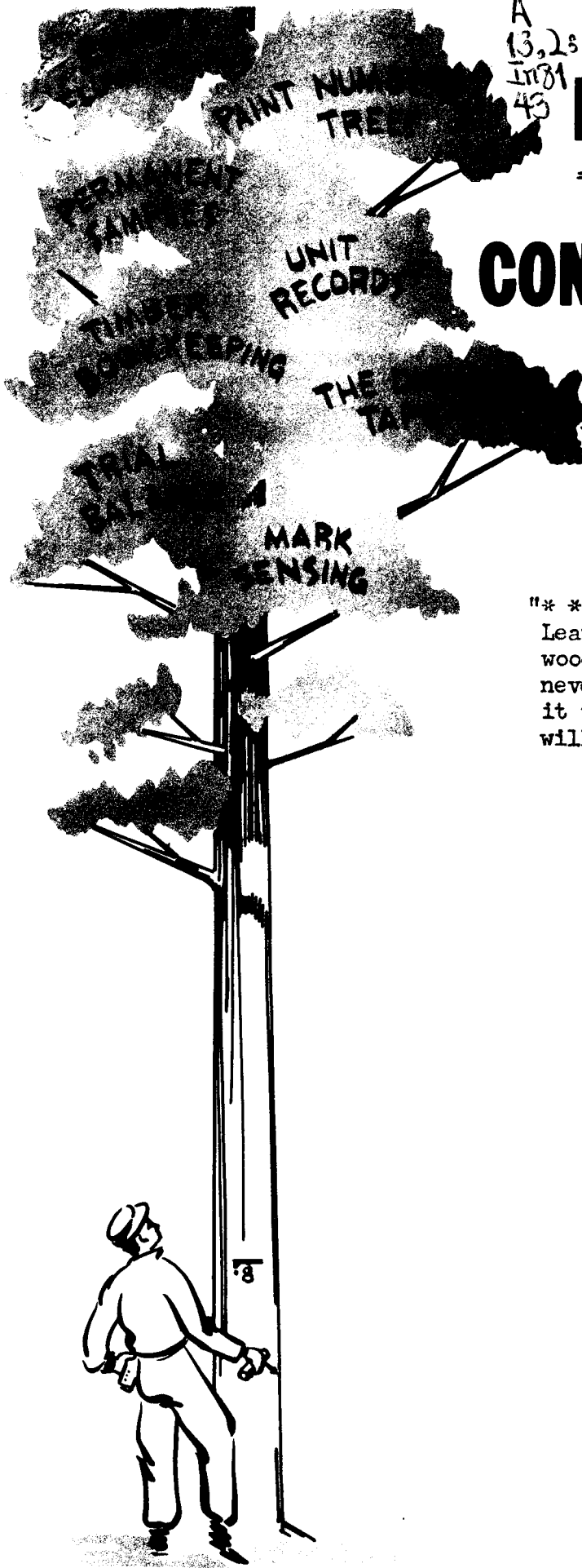
"Today I have grown taller than walking with the trees."  
Marie Wilson.

Milwaukee, Wis. October, 1957 No. 43

"\* \* \* Don't keep forever on the public road. Leave the beaten track and plunge into the woods. You will find something you have never seen before. Don't ignore it. Follow it up, explore all around it; one discovery will lead to another."

Alexander Graham Bell

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## WANNA BUY A DECK?

The second best look at any large forest is through punched card holes.

It is difficult to fully explain the role of punched card accounting in forestry inventory controls, yet many companies and a number of forest schools have requested this information with a view to establishing C.F.I. on their holdings, or merely to keep them in touch with forestry developments.

It is obvious that we cannot reach all of these interested parties with personal explanations, flow chart sessions or feasibility studies. It is equally evident that experience and demonstration are of far more value in the growth of understanding than many, many written and spoken words.

If experience really is the best teacher, then it seems to us that a sample C.F.I. deck of punched cards could provide this experience. Such a deck has been prepared in Region 9.

### C.F.I. ON STONE'S WOODS, WISCONSIN

Our sample deck of punched cards contains 1,545 individual tree records covering tree dimension and tree grade measurements taken over a 10-year period in Stone's Wisconsin woods. In the 80-column card will be found the tree diameters, lengths, species, vigors, qualities, and soundness factors taken at the beginning and ending of the period. Mortality and cut information is included in the 75 fifth-acre sample plots, and each plot is described by number, cover class, size class, stand density and site quality.

Stone's Woods deck will help you make the decision for or against C.F.I. on your holdings. A few days spent machine handling these data may help resolve many current indecisions. You may compute the volumes of each individual tree from the dimensions given. The growth for trees of high and low vigor may be compiled and listed. It will be possible to calculate the investment value of the forest property, not only on an area basis, but also for groups of trees of good and poor growing stock.

The experience of the machine man and the forester working together will telescope the time of mutual understanding of forest inventory controls. Innumerable items of information may be calculated as a trial run in a few days' time before attempting the task for hundreds of thousands of acres of commercial forest.

If you are interested in securing a Stone's Woods deck for the cost of its preparation, write us and we will tell you how to go about it. The cost will be from \$8.00 to \$10.00 for reproducing the cards. There will be an additional charge of \$10.00 for interpreting the cards, if this is desired.

CAL STOTT, Forester  
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